

FIGURE 1

C1 (1f): |>u 1>+++++ 5ksfv (837 bases) +++++>u 837>|

1 21 41
ATG GAA CAT CTG TGG TTC TTC CTT CTC CTG GTG GCA GCT CCC AGA
1: met glu his leu trp phe phe leu leu leu val ala ala pro arg

61 81
TGG GTC CTG TCC CAG GTG CAA CTG CAG CAG TCA GGG GCT GAG CTG
1: trp val leu ser gln val gln leu gln ser gly ala glu leu

101 121
GCA AGA CCT GGG GCT TCA GTG AAG TTG TCC TGC AAG GCT TCT GGC
1: ala arg pro gly ala ser val lys leu ser cys lys ala ser gly

141 161
TAC ACC TTT ACT AGT CAC TGG ATG CAG TGG GTG AGA CAG AGG CCT
1: tyr thr phe thr ser his trp met gln trp val arg gln arg pro

181 201 221
GGA CAG GGT CTG GAA TGG ATT GGG ACT ATT TAT CCT GGA GAT GGT
1: gly gln gly leu glu trp ile gly thr ile tyr pro gly asp gly

241 261
GAT ACT AGG TAC ACT CAG AAT TTC AAG GGC AAG GCC ACA TTG ACT
1: asp thr arg tyr thr gln asn phe lys gly lys ala thr leu thr

281 301
GCA GAT AAG TCC TCC ACC ACA GCC TAC TTA CAC CTC AGC AGC TTG
1: ala asp lys ser ser thr thr ala tyr leu his leu ser ser leu

321 341
TCA TCT GAA GAC TCT GCG GTC TAT TAT TGT GCA AGA GAT GAG ATT
1: ser ser glu asp ser ala val tyr tyr cys ala arg asp glu ile

361 381 401
ACT ACG GTT GTA CCC CGG GGG TTT GCT TAC TGG GGC CAA GGG ACC
1: thr thr val val pro arg gly phe ala tyr trp gly gln gly thr

421 441
TCG GTC ACC GTC TCC TCA GGT GGC GGT GGC TCG GGC GGT GGC
1: ser val thr val ser ser gly gly gly ser gly gly gly

461 481
TCG GGT GGC GGC GGA TCT GAG CTC GTG CTC ACC CAA ACC CCA ACC
1: ser gly gly gly ser glu leu val leu thr gln thr pro thr

501 521
TCC CTG GCT NCC TCT CTG GGA GAC AGA GTC ACC ATC AGT TGC AGG
1: ser leu ala --- ser leu gly asp arg val thr ile ser cys arg

541 561 581
GCA AGT CAG GAC ATT AGC AGT TAT TTA AAC TGG TAT CAG CAG AAA
1: ala ser gln asp ile ser ser tyr leu asn trp tyr gln gln lys

601 621
CCA GAT GGA ACT ATT AAA CTC CTG ATC TAC TAC ACA TCA AGA TTA

FIGURE 2A

1: pro asp gly thr ile lys leu leu ile tyr tyr thr ser arg leu

641
TAT TCA GGA GTC CCA CCA AGG TTC AGT GGC AGT GGG GCT GGA ACA
1: tyr ser gly val pro pro arg phe ser gly ser gly ala gly thr

681
GAT TAT TCT CTC ACC ATC AGC AAC CTG GAG CAA GAA GAT TTT GCC
1: asp tyr ser leu thr ile ser asn leu glu gln glu asp phe ala

721
ACT TAC TTT TGC CAA CAG GGT AAT GTG ATT CCG TAC ACG TTC GGA
1: thr tyr phe cys gln gln gly asn val ile pro tyr thr phe gly

781
GGG GGG ACC AAG CTG GAA ATG AAA CGG GCT GAT GCT GCA CCA ACT
1: gly gly thr lys leu glu met lys arg ala asp ala ala pro thr

821
GTA AGC GAA AAG GAC GAG CTG TAA TAA
1: val ser glu lys asp glu leu *** ***

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C1 (-1f): 1>u 1>+++++ mhc8sfv (837 bases) +++++>u 837>1

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1          21          41
ATG GAA CAT CTG TGG TTC TTC CTT CTC CTG GTG GCA GCT CCC AGA
1: met glu his leu trp phe phe leu leu leu val ala ala pro arg

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61 81

TGG GTC CTG TCC CAG GTG CAA CTG CAG CAG TCT GGG GCT GAG CTG
 1: trp val leu ser gln val gln leu gln gln ser gly ala glu leu

101 121

ACA	AGA	CCT	GGG	GCT	TCA	GTG	AAG	TTG	TCC	TGC	AAG	GCT	TCT	GGC
thr	arg	pro	gly	ala	ser	val	lys	leu	ser	cys	lys	ala	ser	gly

141 . 161
TAC ACC TTT ACT AGT CAC TGG ATG CAG TGG GTG AGA CAG AGG CCT
1: tvr thr phe thr ser his trp met gln trp val arg gln arg pro

181 201 221
 GGA CAG GGT CTG GAA TGG ATT GGG ACT ATT TAT CCT GGA GAT GGT
 1: glv gln gly leu glu trp ile glv thr ile tyr pro glv asp glv

241	261
GAT ACT AGG TAC ACT CAG AAT TTC AAG GGC AAG GCC ACA TTG ACT	
Dasp thr arg tyr thr gln asn phe lys gly lys ala thr leu thr	

281	301
GCA GAT AAG TCC TCC ACC ACA GCC TAC TTA CAC CTC AGC AGC TTG	
ala asp lys ser ser thr thr ala tyr leu his leu ser ser leu	

321 341
TCA TCT GAA GAC TCT GCG GTC TAT TAT TGT GCA AGA GAT GAG ATT
ser ser glu asp ser ala val tyr tyr cys ala arg asp glu ile

361 381 401
CACT ACG GTT GTA CCC CGG GGG TTT GCT TAC TGG GGC CAA GGG ACC

1:5 thr thr val val pro arg gly phe ala tyr trp gly gln gly thr

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          421           441
DTTG GTC ACC GTC TCC TCA GGT GGC GGT GGC TCG GGC GGT GGT GGG
1: leu val thr val ser ser gly gly gly gly gly ser gly gly gly

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461 481

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TCG GGT GGC GGC GGA TCT GAG CTC GTG CTC ACC CAG TCT CCA TCC
1: ser glv glv glv glv ser glu leu val leu thr gln ser pro ser

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501 521
AGT CTG TCT GCA TCC CTT GGA GAC ACA ATT ACC ATC ACT TGC CAT
1: ser leu ser ala ser leu gly asp thr ile thr ile thr cys his

541 561 581
GCC AGT CAG AAC ATT AAT GTT TGG TTA AGT TGG TAC CAG CAG AAA
ala ser gln asp ile asp val trp leu ser trp tyr gln gln lys

601 CCA GGA AAT ATT CCT CAA CTA TTG ATC TAT AAG GCT TCC AAC TTG 621

1: pro gly asn ile pro gln leu leu ile tyr lys ala ser asn leu

641 661
CAC ACA GGC GTC CCA TCA AGG TTT AGT GGC CGT GGA TCT GGA ACA
1: his thr gly val pro ser arg phe ser gly arg gly ser gly thr

681 701
GGT TTC ACA TTA ACC ATC AGC AGC CTG CAG CCT GAA GAC ATT GGC
1: gly phe thr leu thr ile ser ser leu gln pro glu asp ile gly

721 741 761
ACT TAC TAC TGT CAA CAG GGT CAA AGT TAT CCT CTG ACG TTC GGT
1: thr tyr tyr cys gln gln ser tyr pro leu thr phe gly

· 781 801
GGA GGC ACC AAG CTG GAA ATC AAA CGG GCT GAT GCT GCA CCA ACT
1: gly gly thr lys leu glu ile lys arg ala asp ala ala pro thr

821
GTA AGC GAA AAG GAC GAG CTG TAA TAA
1: val ser glu lys asp glu leu *** ***

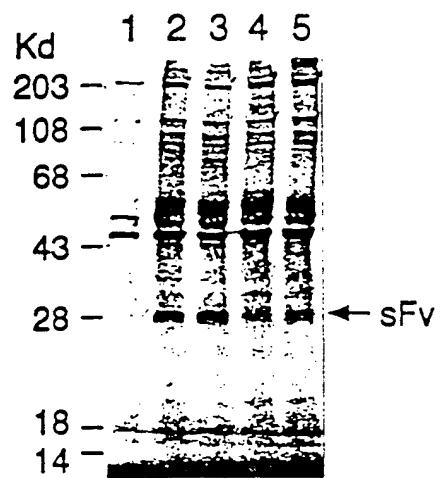


FIGURE 3

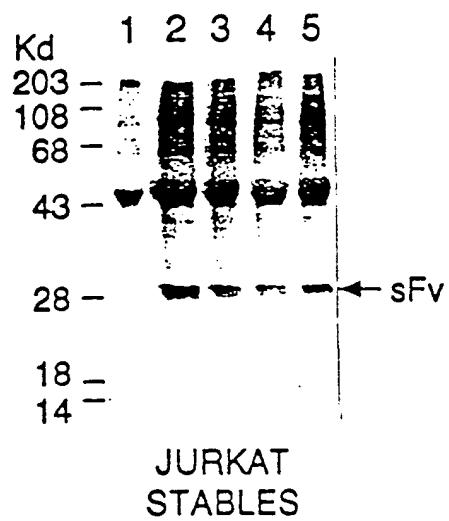


FIGURE 4

Cell Number

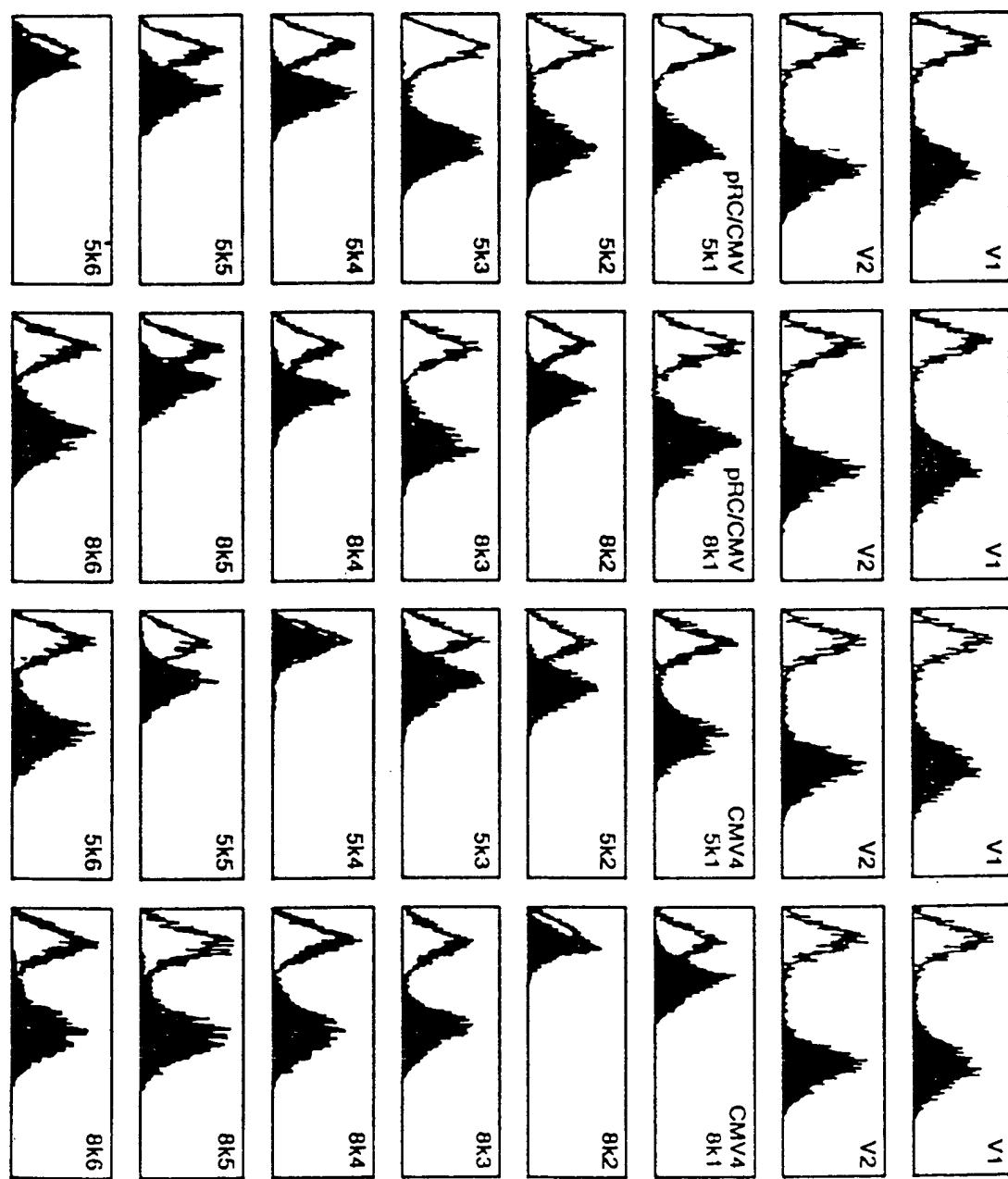


FIGURE 5

0 9 8 7 6 5 4 3 2 1 0 1 0

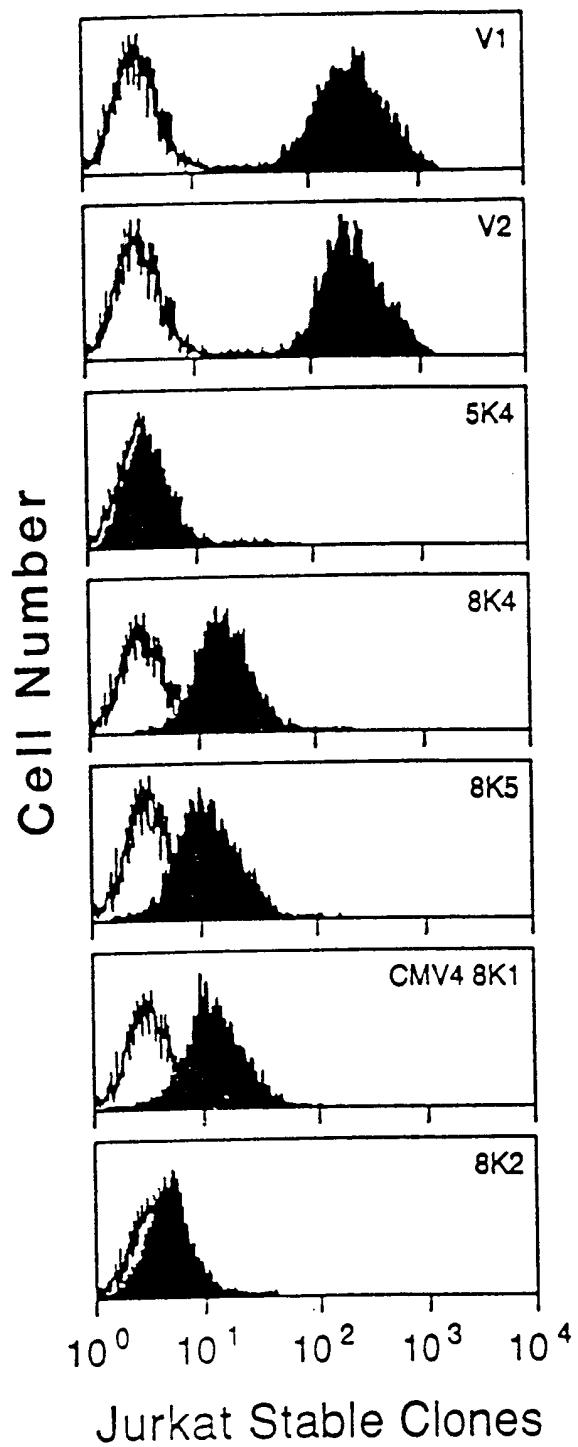


FIGURE 6

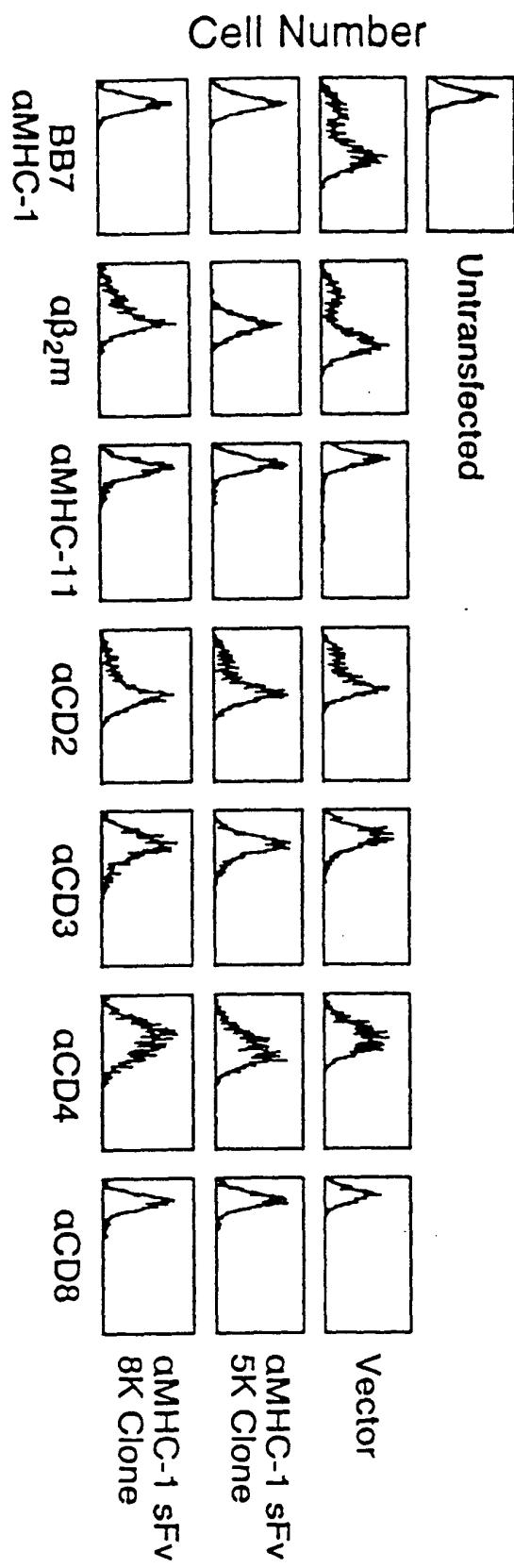


FIGURE 7